

Is the chemotherapy circuit with RFID technology a good idea?

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INTRODUCTION & OBJECTIVE

Several risks have been identified in our injectable chemotherapy circuit (CT)



➔ In order to **secure the circuit**, the decision was taken to deploy a traceability solution, with a blocking control at each step of the CT in real time using the RFID technology



Evaluate the deployment of the new CT circuit with the quality indicators of the service

MATERIALS & METHODS



Indicators creation



Rate of deployment in the hospital



Rate of deliveries carried out with the solution



Rate of use of the solution in the care services

Rate of complete traceability of the solution

Rate of administrations started and completed with the solution



Follow-up of the declarations in the pharmacy and in the care services

RESULTS

DISPENSED
PREPARATIONS



= 65%

Teams declarations :

96%

Deliveries carried out with the solution



Forgot to put a RFID chip at manufacturing, network problems....

65%

Administrations started with the solution



Encoding errors, hardware failures

81%

52%

Administrations completed with the solution

DISCUSSION

We will **complete our risk analysis of the circuit** with the declarations: impact and identification of new risks



Good adhesion of the couriers.

When the solution is used in the care services, it is used **correctly**



Low usage rate at implementation due to various problems: **more time is needed** to evaluate it

The final objective will be 100% deployment and use of the solution, which will guarantee total traceability of the patient's care course and thus secure his care